

CLAIMS

2 Having described the truck rack, what is claimed is:

1. A truck rack for use with a pick-up truck having a bed with sides and a rear

4 window in the truck cab forward of the truck bed with a canopy having a roof and

6 sides mounted on the truck bed, the improvement comprising,

8 a primary frame, including upper parallel side members, separate and apart from,

within, enclosed by and additional to the canopy,

10 a supplemental frame comprising supplemental frame parallel side members

supporting the platform therebetween with a first end pivoting from said

12 upper parallel side members at a primary frame first end forward in the truck

bed inside the canopy between a store position and a load position, a

14 supplemental frame second end lowering from a primary frame second end

rearward in the truck bed, the store position of the supplemental frame

16 generally locating the supplemental frame above the truck rear window and

below the canopy roof providing unobstructed view rearward through the

truck window and under the supplemental frame, the canopy covering the

platform,

18 a platform movable longitudinally between forward and rearward in the

supplemental frame as a raised flooring above the truck rear window and

20 below the canopy roof, the platform providing unobstructed view rearward

through the truck window while supporting a load under the canopy raised

22 above the truck bed.

2. The truck rack of claim 1 in which the primary frame is mountable directly to the
sides of truck bed within the canopy.
3. The truck rack of claim 1 wherein the supplemental frame pivots from a primary
frame first end at a supplemental frame first end between (a) said store position
with said supplemental second end latched to said primary frame second end
securing the supplemental frame between the primary frame side members and (b)
said load position with the secondary frame second end lowered from the primary
frame.
4. The truck rack of claim 1 further comprising
a supplemental frame first member receiving a matching platform first member
with the supplemental frame first member supporting the platform first
member in sliding engagement, comprising a first support set, and
a platform second member receiving a supplemental frame second member in
sliding engagement, comprising a second support set,
wherein said first and second supports sets each provides separate and redundant
sliding support engagement between the supplemental frame and the
platform, the platform being supported by the supplemental frame by both
support sets at all positions of the platform relative to the supplemental frame
as the platform moves longitudinally relative to the supplemental frame.
5. The truck rack of claim 4 in which the supplemental frame first member
comprises in supplemental frame parallel side members opposing inward directed
frame channels receiving the platform therebetween slidably in the channels.

6. The truck rack of claim 4 in which the platform first member comprises a wheel

2 rotatably mounted on each side of the platform and respectively received into

frame channels, the wheels riding on the channels in support of the platform as

4 the platform moves longitudinally along the supplemental frame.

7. The truck rack of claim 4 in which the supplemental frame second member

6 comprises a platform support member under each supplemental frame parallel

side member extending inward therefrom and in which the platform second

8 member comprises outward directed frame channels running longitudinally on

each platform side under the platform receiving the platform support member

10 therein.

8. The truck rack of claim 7 in which the supplemental frame platform support

12 member comprises a wheel rotatable under each supplemental frame parallel side

member and extending inward respectively into the outward directed frame

14 channels.

9. The truck rack of claim 8 wherein the second support set is functionally

16 symmetric with the first support set as the wheel from each platform side is

received rollably in its matching channel in the respective parallel side member as

18 the wheel from each parallel side member is received rollably in the matching

channel of each platform side, respectively.

20 10. The truck rack of claim 8 wherein wheel on the platform is mounted forward on

the platform.

22 11. The truck rack of claim 8 wherein the wheel on the parallel side member is

mounted rearward on the parallel side member.

12. The truck rack of claim 11 wherein the wheel on the platform is mounted forward

2 on the platform such that when the platform moves rearward telescoping partially
out of the opposing channels of the parallel side members, the platform extending
4 away from the parallel side members is supported by the platform rearward
portion weighing down on the respective rearward wheels of the parallel side
6 members and the respective wheels forward on the platform urges upward against
the channels of the parallel side member.

8 13. A truck rack for use with a pick-up truck having a bed with sides and a rear
window in the truck cab forward of the truck bed with a canopy having a roof and

10 sides mounted on the truck bed, the improvement comprising,
a primary frame adapted to mount directly to the sides of truck bed within the
12 canopy, including upper parallel side members, separate and apart from,
within, enclosed by and additional to the canopy,

14 a supplemental frame comprising supplemental frame parallel side members
supporting the platform therebetween with a first end pivoting from said
16 upper parallel side members at a primary frame first end forward in the truck
bed inside the canopy between a store position and a load position, a
18 supplemental frame second end lowering from a primary frame second end
rearward in the truck bed, the store position of the supplemental frame

20 generally locating the supplemental frame above the truck rear window and
below the canopy roof providing unobstructed view rearward through the
22 truck window and under the supplemental frame, the canopy covering the
platform, an inward directed frame channel on one parallel side member

opposing an inward directed frame channel on the other parallel side member,
2 together receiving the platform therebetween slidably in the channels,
a platform movable longitudinally between forward and rearward in the
4 supplemental frame as a raised flooring above the truck rear window and
below the canopy roof, the platform providing unobstructed view rearward
6 through the truck window while supporting a load under the canopy raised
above the truck bed,
8 a supplemental frame first member receiving a matching platform first member
with the supplemental frame first member supporting the platform first
10 member in sliding engagement, comprising a first support set, and
a platform second member receiving a supplemental frame second member in
12 sliding engagement, comprising a second support set,
wherein said first and second supports sets each provides separate and redundant
14 sliding support engagement between the supplemental frame and the
platform, the platform being supported by the supplemental frame by both
16 support sets at all positions of the platform relative to the supplemental frame
as the platform moves longitudinally relative to the supplemental frame,
18 the platform first member further comprising a wheel rotatably mounted forward
on each side of the platform and respectively received into frame channels,
20 the wheels riding on the frame channels in support of the platform as the
platform moves longitudinally along the supplemental frame,
22 the supplemental frame second member further comprising a wheel rearward
rotatable under each supplemental frame parallel side member extending

inward therefrom on which the platform rests, such that when the platform
2 moves rearward telescoping partially out of the opposing channels of the
parallel side members, the platform extending away from the parallel side
4 members is supported by the platform rearward portion weighing down on the
respective rearward wheels of the parallel side members and the respective
6 wheels forward on the platform urges upward against the channels of the
parallel side member.

8 14. The truck rack of claim 13 further comprising a forward latch and a rearward
latch between the platform and the supplemental frame, redundantly securing the
10 platform releasably in an unextended position relative to the supplemental frame,
both latches releasable from rearward of the supplemental frame.

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